Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095357.D
Acq On : 23 May 2017 18:21
Operator : SJ/MA
Sample : I3244-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Manual Integrations APPROVED
mohammad
5/24/2017 4:43:20 PM

Quant Time: May 24 02:56:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	109102	20.00	ng		0.00
21) Naphthalene-d8	9.77	136	461005	20.00	ng		-0.01
38) Acenaphthene-d10	12.60	164	200521	20.00	ng		-0.02
63) Phenanthrene-d10	15.01	188	339786	20.00	ng		-0.01
75) Chrysene-d12	18.68	240	191472	20.00	ng		-0.01
86) Perylene-d12	20.36	264	192643	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	859675	131.37	ng		0.00
7) Phenol-d6	7.31	99	1000016	127.36	ng		0.00
23) Nitrobenzene-d5	8.67	82	600022	82.07	ng		0.00
41) 2,4,6-Tribromophenol	13.91	330	182753	111.29	ng		-0.01
44) 2-Fluorobiphenyl	11.55	172	1135635	81.52	ng		-0.01
78) Terphenyl-d14	17.33	244	778286	89.53	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	99425	30.98	ng		94
3) Pyridine	2.98	79	232322	31.23	ng		96
4) n-Nitrosodimethylamine	2.90	42	98238	31.68	ng		84
6) Aniline	7.27	93	364510	36.77	ng		95
8) 2-Chlorophenol	7.45	128	319690	42.92	ng		94
9) Benzaldehyde	7.10	77	85543	17.84	ng		95
10) Phenol	7.32	94	343534	41.52	ng		88
11) bis(2-Chloroethyl)ether	7.40	93	282937	41.42	ng		96
12) 1,3-Dichlorobenzene	7.66	146	303143	35.88	ng		97
13) 1,4-Dichlorobenzene	7.78	146	335557	39.16	ng		97
14) 1,2-Dichlorobenzene	8.02	146	324680	40.60	ng		96
15) Benzyl Alcohol	8.05	79	260514	51.59	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	375621	38.85	ng		87
17) 2-Methylphenol	8.25	107	259729	42.61	ng		95
18) Hexachloroethane	8.53	117	111481	38.41	ng	#	86
19) n-Nitroso-di-n-propylamine	8.47	70	224938	42.36	ng		95
20) 3+4-Methylphenols	8.51	107	346601	41.85	ng	#	56
22) Acetophenone	8.44	105	448306	40.53	ng	#	84
24) Nitrobenzene	8.69	77	303484	39.60	ng		93
25) Isophorone	9.10	82	560220	42.91	ng	#	94
26) 2-Nitrophenol	9.20	139	174946	42.31	ng		99
27) 2,4-Dimethylphenol	9.33	122	280388	41.94	ng		97
28) bis(2-Chloroethoxy)methane	9.45	93	360342	39.90	ng		100
29) 2,4-Dichlorophenol	9.62	162	269392	42.68	ng		99
30) 1,2,4-Trichlorobenzene	9.70	180	258965	38.29	ng		99
31) Naphthalene	9.81	128	892230	38.51	ng		99
32) Benzoic acid	9.61	122	46067	14.47	ng		97
33) 4-Chloroaniline	9.96	127	167225	19.37	ng	#	92
34) Hexachlorobutadiene	10.02	225	128692	36.07	ng		99
35) Caprolactam	10.58	113	71282m	37.61	ng		
36) 4-Chloro-3-methylphenol	10.81	107	276446	40.96	ng		87
37) 2-Methylnaphthalene	10.93	142	632001	41.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	241403	39.15	ng		99
40) Hexachlorocyclopentadiene	11.18	237	85165	36.42	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	174462	42.37	ng		97
43) 2,4,5-Trichlorophenol	11.54	196	157800	35.66	ng		94
45) 1,1'-Biphenyl	11.70	154	698167	41.35	ng		98
46) 2-Chloronaphthalene	11.72	162	536222	39.34	ng		98
47) 2-Nitroaniline	11.94	65	149796	40.15	ng	#	86
48) Acenaphthylene	12.37	152	852464	39.92	ng		99
49) Dimethylphthalate	12.25	163	817298	49.65	ng		100
50) 2,6-Dinitrotoluene	12.35	165	140864	41.94	ng		95
51) Acenaphthene	12.66	154	499435	39.16	ng		98
52) 3-Nitroaniline	12.62	138	101759	28.23	ng		90
53) 2,4-Dinitrophenol	12.84	184	62328	37.31	ng	#	68
54) Dibenzofuran	12.95	168	772936	43.80	ng		98
55) 4-Nitrophenol	13.02	139	146915	67.86	ng	#	73
56) 2,4-Dinitrotoluene	13.02	165	187907	43.54	ng	#	91
57) Fluorene	13.50	166	600084	39.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	119096	42.76	ng	#	95
59) Diethylphthalate	13.39	149	619774	39.28	ng		100
60) 4-Chlorophenyl-phenylether	13.52	204	263231	39.03	ng		90
61) 4-Nitroaniline	13.62	138	112373	33.96	ng		96
62) Azobenzene	13.78	77	562404	44.36	ng		93
64) 4,6-Dinitro-2-methylphenol	13.69	198	74878	32.87	ng	#	67
65) n-Nitrosodiphenylamine	13.73	169	515514	41.80	ng		98
66) 4-Bromophenyl-phenylether	14.31	248	142886	39.80	ng		99
67) Hexachlorobenzene	14.40	284	138715	37.70	ng	#	89
68) Atrazine	14.65	200	154057	44.24	ng		96
69) Pentachlorophenol	14.75	266	93417	57.91	ng		98
70) Phenanthrene	15.05	178	782228	40.07	ng		99
71) Anthracene	15.13	178	803628	40.30	ng		98
72) Carbazole	15.41	167	722110	39.80	ng		97
73) Di-n-butylphthalate	15.97	149	920805	40.69	ng		98
74) Fluoranthene	16.79	202	708291	35.37	ng		98
76) Benzidine	17.02	184	221569	43.50	ng	#	93
77) Pyrene	17.09	202	687555	48.01	ng		99
79) Butylbenzylphthalate	17.98	149	313792	47.11	ng	#	87
80) Benzo(a)anthracene	18.67	228	443279	39.78	ng		97
81) 3,3'-Dichlorobenzidine	18.65	252	126087	32.76	ng	#	97
82) Chrysene	18.71	228	415187	38.53	ng		99
83) Bis(2-ethylhexyl)phthalate	18.73	149	418354	44.08	ng	#	100
84) Di-n-octyl phthalate	19.49	149	629853	40.48	ng		95
85) Indeno(1,2,3-cd)pyrene	21.68	276	474932	54.28	ng		100
87) Benzo(b)fluoranthene	19.95	252	412816	34.68	ng		98
88) Benzo(k)fluoranthene	19.98	252	465606	40.55	ng		95
89) Benzo(a)pyrene	20.30	252	433052	39.43	ng		96
90) Dibenzo(a,h)anthracene	21.69	278	397240	43.79	ng		96
91) Benzo(g,h,i)perylene	22.07	276	396995	44.60	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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